

# Converting Colors

Hex(C09753)

Have a look what the booklet for  
Hex(C09753) contains.

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**Color**

**Hex(C09753)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C09753                      |
| RGB         | 192, 151, 83                |
| RGB Percent | 75%, 59%, 33%               |
| CMY         | 0.2471, 0.4078, 0.6745      |
| CMYK        | 0.00, 0.21, 0.57, 0.25      |
| HSL         | 37°, 46%, 54%               |
| HSV         | 37°, 57%, 75%               |
| XYZ         | 34.3662, 33.9642, 12.9281   |
| YIQ         | 155.5070, 46.2640, -12.4560 |

# Conversions

## Conversions Part 2

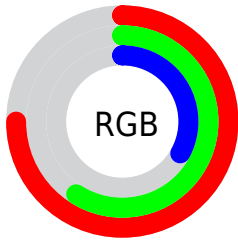
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 149, 192, 83                   |
| Decimal                             | 12621651                       |
| CIELab                              | 64.93, 7.35, 41.24             |
| CIELCh                              | 65, 41.892, 79.893             |
| Yxy                                 | 33.9642, 0.4229,<br>0.4180     |
| Android<br>(android.graphics.Color) | 4290811731<br>(0xFFC09753)     |
| YUV                                 | 155.5070, -35.7460,<br>32.0044 |
| Hunter-Lab                          | 58.2788, 3.2709,<br>27.6428    |

# Details

The Hex color **C09753** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **537CC0**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FBCD86**, and **886422** is the 20% darker color. If you saturate the color by 10%, you get **C09040**, and if you desaturate by 10%, it is **C09E66**.

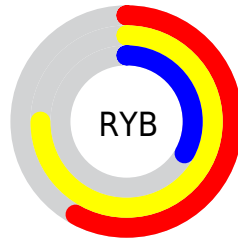
# Distribution



Red (75%)

Green (59%)

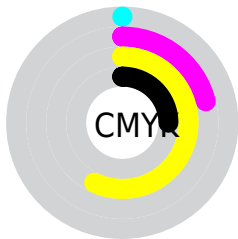
Blue (33%)



Red (58%)

Yellow (75%)

Blue (33%)

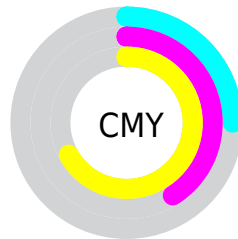


Cyan (0%)

Magenta (21%)

Yellow (57%)

Black (25%)



Cyan (25%)

Magenta (41%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C09753 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C09753 by changing the saturation by 10% instead.



 C09753

 C09753

FFFFFF

 A37D3A

 FBCD86

 886422

 FFE9A1

 6C4D07

 FFFFBC

 523600

 FFFFFD8

 382100

 FFFFFF5

 200B00

 000000

 C09753

 C09753

 C09040

 C09E66

 C0892D

 C0A579

 C08119

 C0AD8D

 C07A06

 C0B4A0

 C07800

 C0BBB3

 C0C2C6

 C0CAD9

 C0D1ED

 C0D8FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DA8A66



C09753



9CA355

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C09753



00B1B6



C08ACE

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C09753



537CC0

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8E99E4



C09753



00ADD6

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C09753



37B08F



44A5E7



DD80AC

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C09753



80A962



44A5E7



B18FD7

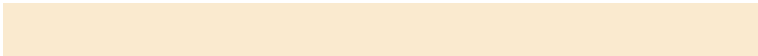


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



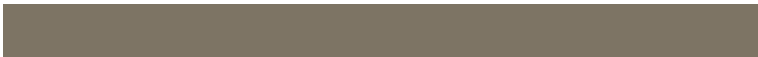
C09753



FAEACF



C0537D



7D7464



FCFCFC



7D7D7D



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C09753



FABA50



B3C053



615D57



A16400



211500



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



537CC0



5090FA



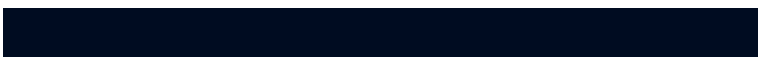
6053C0



575B61



003CA1



000C21



# Previews

## White Background



This preview shows how the Hex color C09753 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C09753 Background



This preview shows how black text looks on a background with the Hex color C09753.



This preview shows how white text looks on a background with the Hex color C09753.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



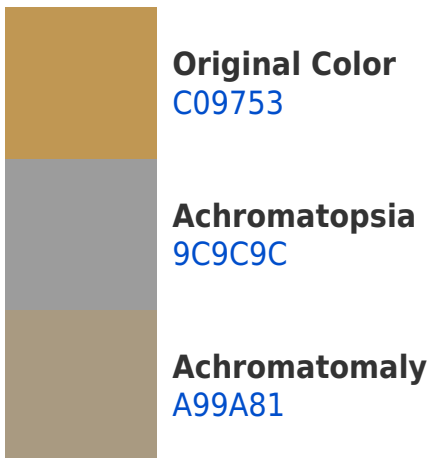


**Tritanopia**  
C68F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C09753 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C09753 looks like.

```
.text, #text, p{  
    color:#C09753  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C09753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C09753
}
```

## Border

The CSS property to change the border of an element to Hex C09753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C09753 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C09753 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C09753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C09753; -webkit-box-shadow:4px 4px  
4px 4px #C09753; box-shadow:4px 4px 4px  
4px #C09753 }
```

# Background

The CSS property to change the background color of an element to Hex C09753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C09753 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C09753 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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